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Contents—Chapter I: Functions, equations, and graphs, 1–45; II: Linear functions, 46–86; III: Algebraic functions, 87–157; IV: Trigonometric functions, 158–213; V: Exponential and logarithmic functions, 214–263; VI: Differentiation of algebraic functions, 264–300; VII: Integration, 301–331; VIII: Properties of trigonometric functions (Logarithmic solution of triangles, Cases III and IV), 332–364; IX: Theory of measurement [Statistical methods, permutations, combinations, the binomial expansion, probability, compound events, mortality tables, frequency distributions, averages, measures of variability, equation of the frequency curve representing a symmetrical distribution, the probable error, least squares, correlations], 365–432; Index, 433–436.

Análisis Matemático. Volumen 1: Las nociones fundamentales. By UGO BROGGI. (Publicaciones de la Facultad de Ciencias Físicas, Matemáticas y Astronómicas, Textos y conferencias no. 44.) La Plata, Imprenta y casa editora 'Coni,' Buenos Aires, 1919. Royal 8vo. 152 p. Price 6 pesos.

Part 1: Coördinates and tangents, 1–46; part 2: The notions of derivative and integral 47–90; part 3: Applications (Elementary methods of integration, definite integrals of geometry indeterminate expressions, integrals between infinite and improper limits, exercises), 91–148; alphabetical index, 149–152.

NOTES.

The first article (pages 33–37) of the second number of the second volume (1920) of *Norsk Mathematisk Tidsskrift* is a paper on "The main lines of H. G. Zeuthen's scientific productivity," read by Professor Heegard before the Norwegian Mathematical Society. It is accompanied by the reproduction of a recent portrait of Zeuthen.

In *The American Year Book, A Record of Events and Progress 1919* (New York, Appleton, 1920), the review of mathematics and astronomy, by G. A. Miller and R. S. Dugan respectively, occupied pages 607–614. The headings of Professor Miller's article (pages 607–608) are: "Teaching of mathematics," "Mathematical research," "History of mathematics," "Reference works."

Mathematics Teacher, in reorganized form, is to be the official organ of the National Council of Teachers of Mathematics (cf. 1920, 241). Mr. J. R. CLARK of the Lincoln School, New York, is to be the editor-in-chief and the first number is to be issued in January, 1921. There are to be eight numbers a year and the subscription price is \$2.00.

In *Archivio di Storia della Scienza*, volume 1, no. 3, published in May, 1920 (cf. 1919, 404; 1920, 217) Aldo Mieli continues his methodical bibliography (350 titles) of works on the history of science, 332–356. There is also a review by A. Mieli of two works published by the John Crerar Library, Chicago: *A List of Books on the History of Science, January, 1911* (Chicago, 1911); *Supplement, December, 1916* (Chicago, 1917), 361–363.

A new edition of Professor H. S. Carslaw's book *Introduction to the Theory of Fourier's Series and Integrals and the Mathematical Theory of the Conduction of Heat*, published in 1906 by Macmillan and Co., London, and now for some time out of print, is at present in the press. The book has been completely rewritten and will consist of two volumes. The first deals with "Infinite series and in-